

U.S. Patent Application No. 09/927,791
Amendment dated June 27, 2005
Reply to Office Action of April 7, 2005

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1-7 (canceled)

8. (previously presented): A calibration standard for a fluorescent polynucleotide separation apparatus, the standard comprising: at least four polynucleotides each having a different known length and each being labeled with a different fluorescent dye having a distinctive spectral profile having a peak, wherein the lengths of the at least four polynucleotides differ from one another such that, upon electrophoretic separation, the peak of the spectral profile of any one of the dyes does not significantly overlap the peak of the spectral profile of any of the other dyes.

9. (currently amended): The calibration standard of claim 8, wherein the fluorescent dye labeled at least four polynucleotides in the standard are separated by at least 10 bases in length.

10-18 (canceled)

19. (previously presented): The calibration standard of claim 8, wherein the length of each of the at least four polynucleotides is in the range of from about 10 to about 1500 bases.

U.S. Patent Application No. 09/927,791
Amendment dated June 27, 2005
Reply to Office Action of April 7, 2005

20. (previously presented): The calibration standard of claim 8, wherein the length of each of the at least four polynucleotides is in the range of from about 10 to about 1000 bases.

21. (previously presented): The calibration standard of claim 8, wherein the length of each of the at least four polynucleotides is in the range of from about 20 to about 500 bases.